

Figure 1A

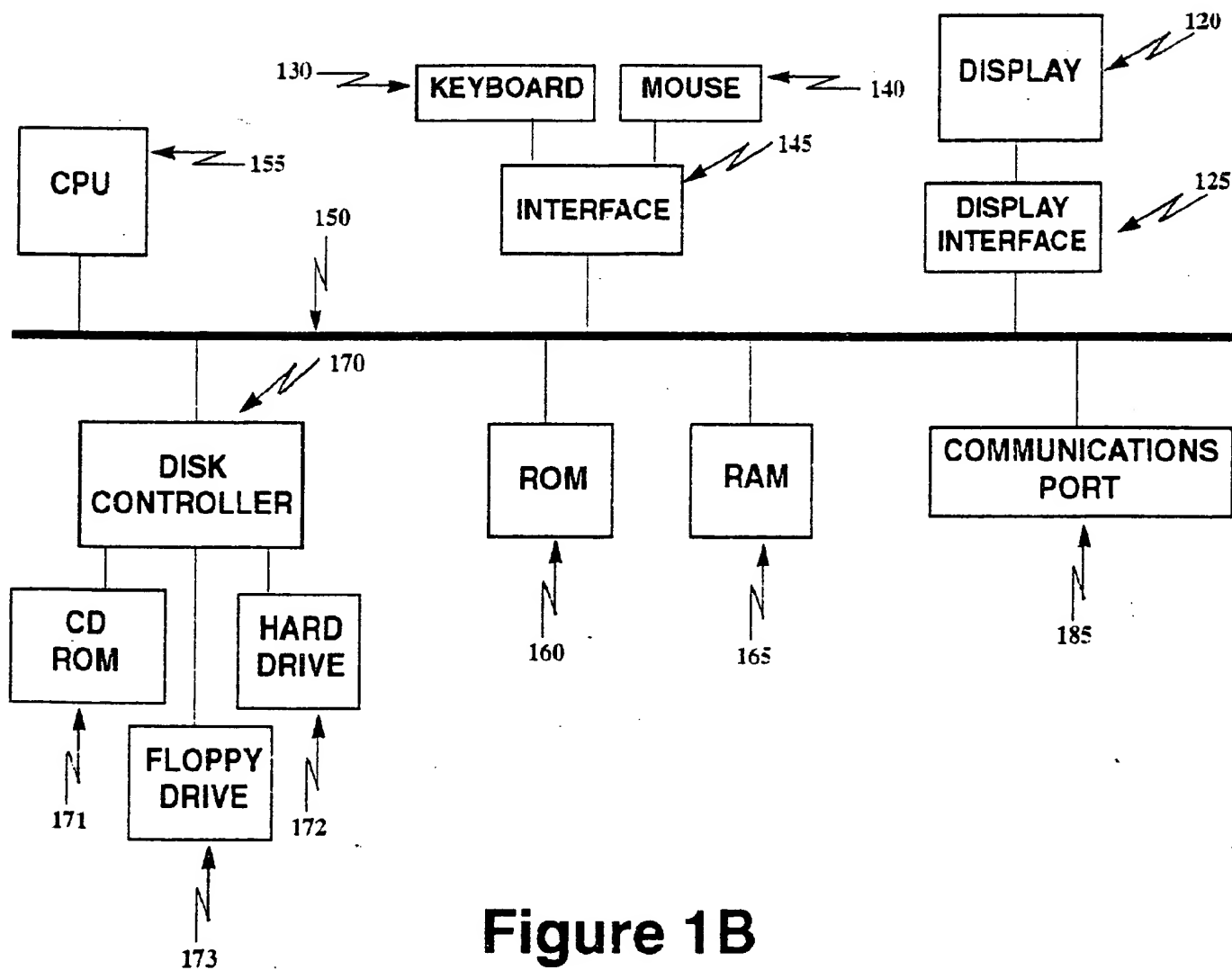


Figure 1B

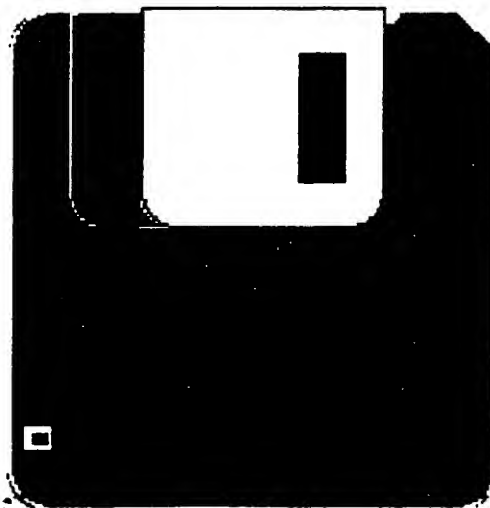


Figure 1C

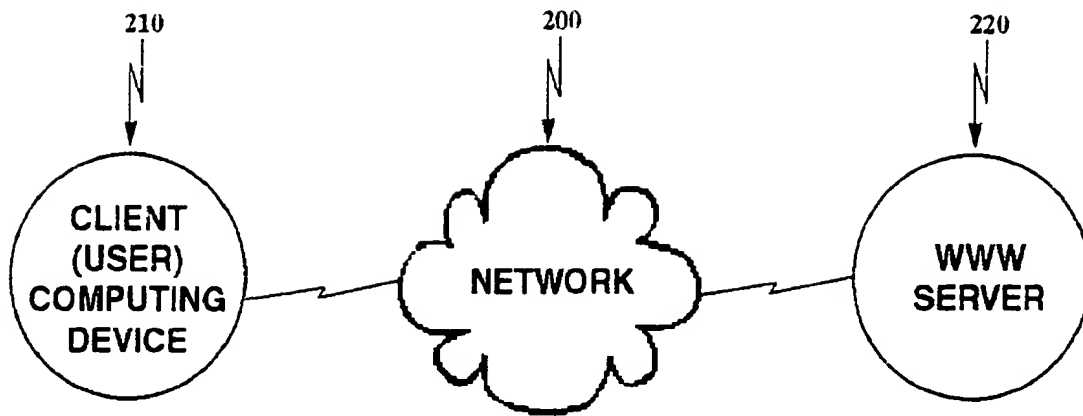


Figure 2A

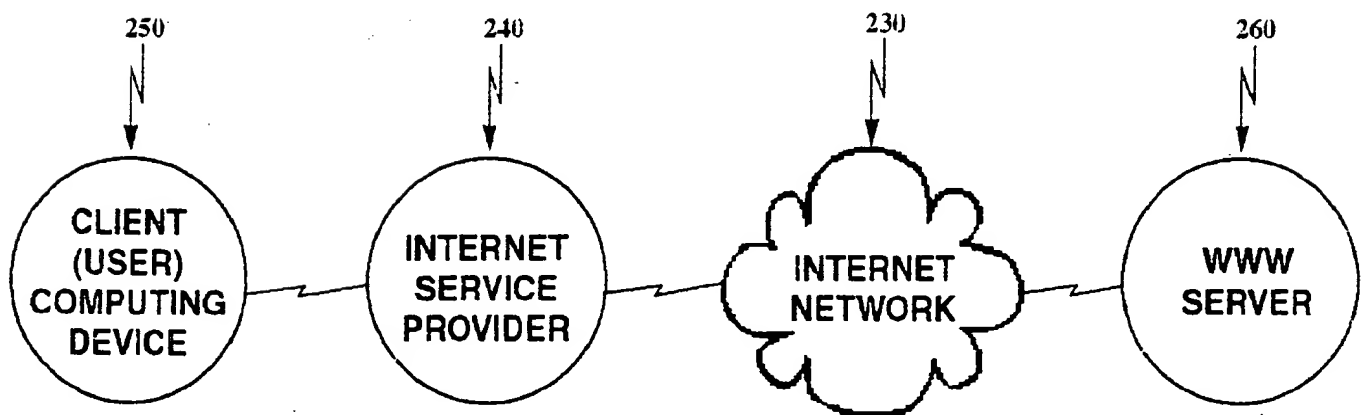


Figure 2B

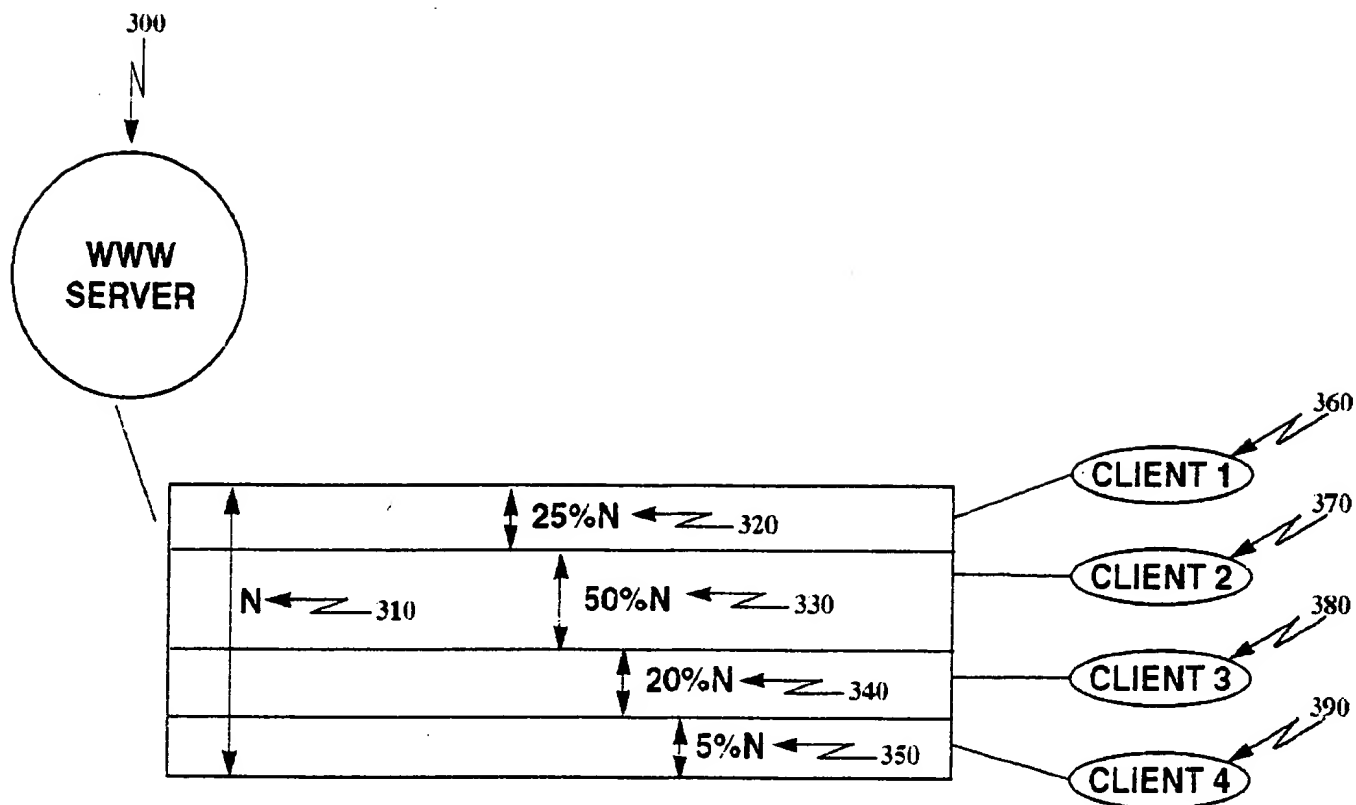


Figure 3

	400 ↓ FILE TYPE	410 ↓ PRIORITY	
420 →	HTML	4	← 430
440 →	STYLE SHEET	3	← 450
460 →	(RESERVED)	2	← 470
480 →	GIF	1	← 485
490 →	JPG	1	← 495
	...	-	
	...	-	

Figure 4

500
↓
ALLOCATED UTILIZATION TABLE (AUT)

	510 ↓ FILE	520 ↓ PRIORITY	530 ↓ ALLOCATED BANDWIDTH	540 ↓ UTILIZED BANDWIDTH	550 ↓ RECALC
560 →	doc1.html	4	28.8 Kbps	14.4 Kbps	False
565 →	doc2.html	4	128 Kbps	64 Kbps	False
570 →	doc3.html	4	28.8 Kbps	28.8 Kbps	True
580 →	image.gif	1	9.6 Kbps	9.6 Kbps	True
	—	—	—	—	—

Figure 5

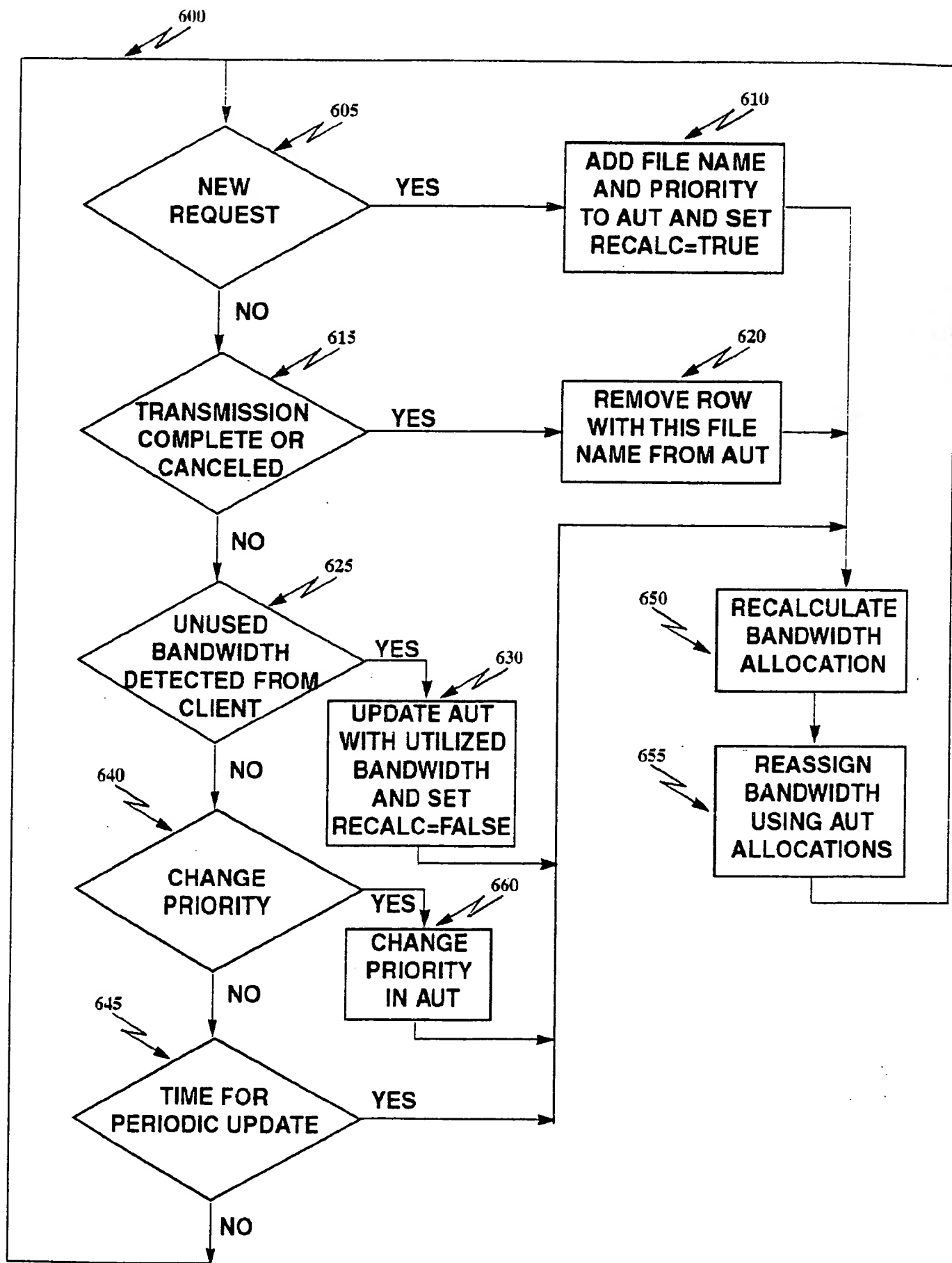
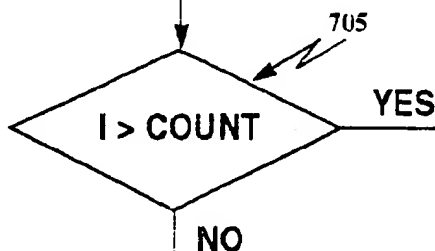


Figure 6

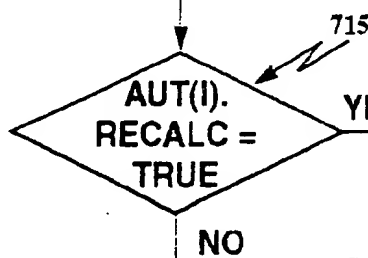
MAX BW = MAXIMUM SERVER BANDWIDTH
COUNT = NUMBER OF ROWS IN AUT
I = 1; SUM OF PRIORITIES = 0

700



MAX BW = MAX BW - (AUT(I).ALLOCATED - AUT(I).UTILIZED)

710



SUM OF PRIORITIES =
SUM OF PRIORITIES +
AUT(I).PRIORITY

720

I = I + 1

725

I = 1

730

YES

NO

I > COUNT

735

STOP

750

AUT(I).ALLOCATED =
AUT(I).UTILIZED

755

AUT(I).
RECALC =
TRUE

760

AUT(I).ALLOCATED =
AUT(I).PRIORITY/
SUM OF PRIORITIES
AUT(I).UTILIZED =
AUT(I).ALLOCATED




765

I = I + 1

730

Figure 7A

INITIAL CONDITION 

	FILE TYPE	PRIORITY	ALLOCATED BANDWIDTH RATIO	ALLOCATED BANDWIDTH PERCENT	UTILIZED BANDWIDTH PERCENT	UNUSED BANDWIDTH PERCENT
781 	HTML	4	4/6	66.7%	66.7%	0%
782 	GIF	1	1/6	16.7%	16.7%	0%
783 	JPG	1	1/6	16.7%	10.0%	6.7%

FINAL CONDITION AFTER RECALCULATION 




	FILE TYPE	PRIORITY	ALLOCATED BANDWIDTH RATIO	ORIGINAL ALLOCATED BANDWIDTH PERCENT	ADDITIONAL BANDWIDTH ADDED PERCENT	FINAL BANDWIDTH PERCENT
791 	HTML	4	4/5	66.7%	$4/5 \times 6.7\% = 5.3$	72.0%
792 	GIF	1	1/5	16.7%	$1/5 \times 6.7\% = 1.3$	18.0%
793 	JPG	1	N/A			10%

Figure 7B

	800 ID	810 BROWSER STATUS	815 PRIORITY
820	A	HAVE FOCUS	4
821	B	NO FOCUS, VISIBLE	2
823	C	NO FOCUS, HIDDEN	1

Figure 8A

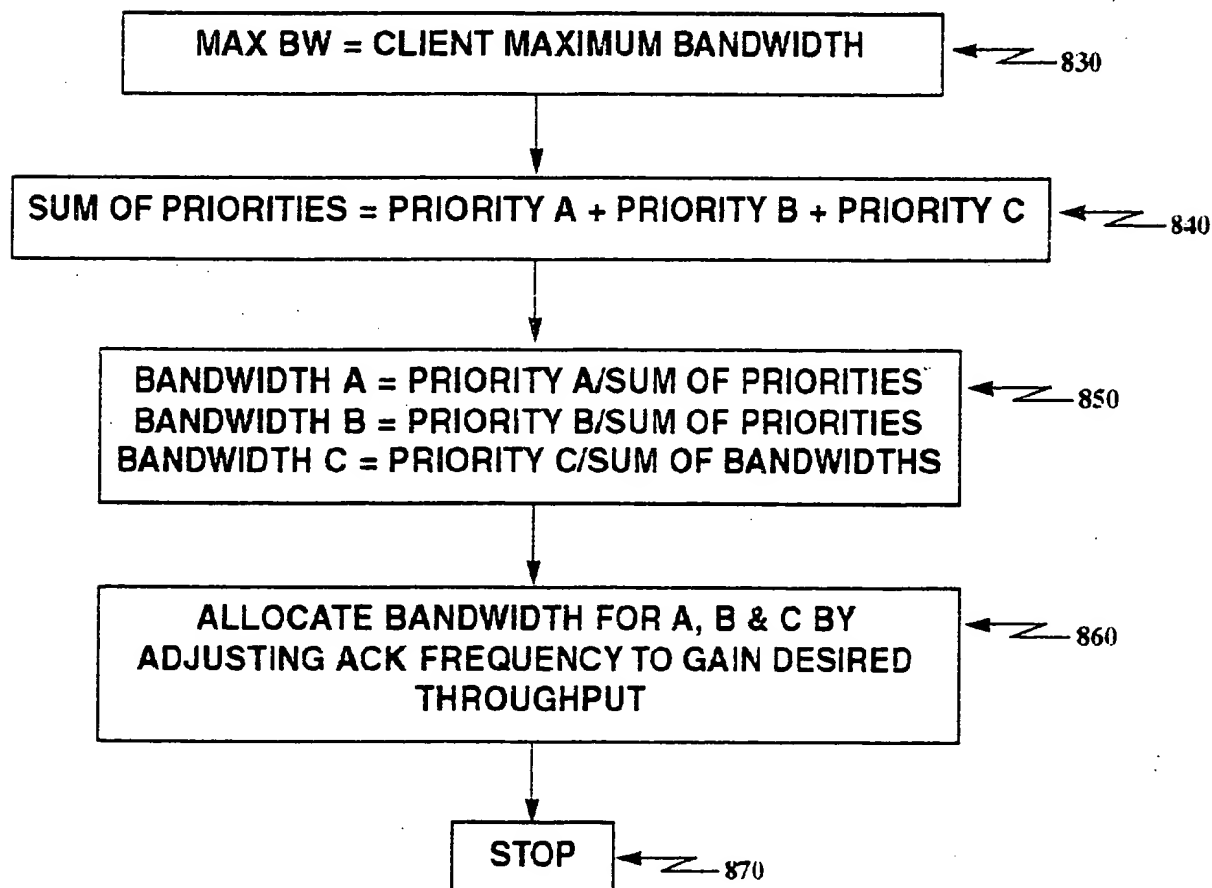


Figure 8B

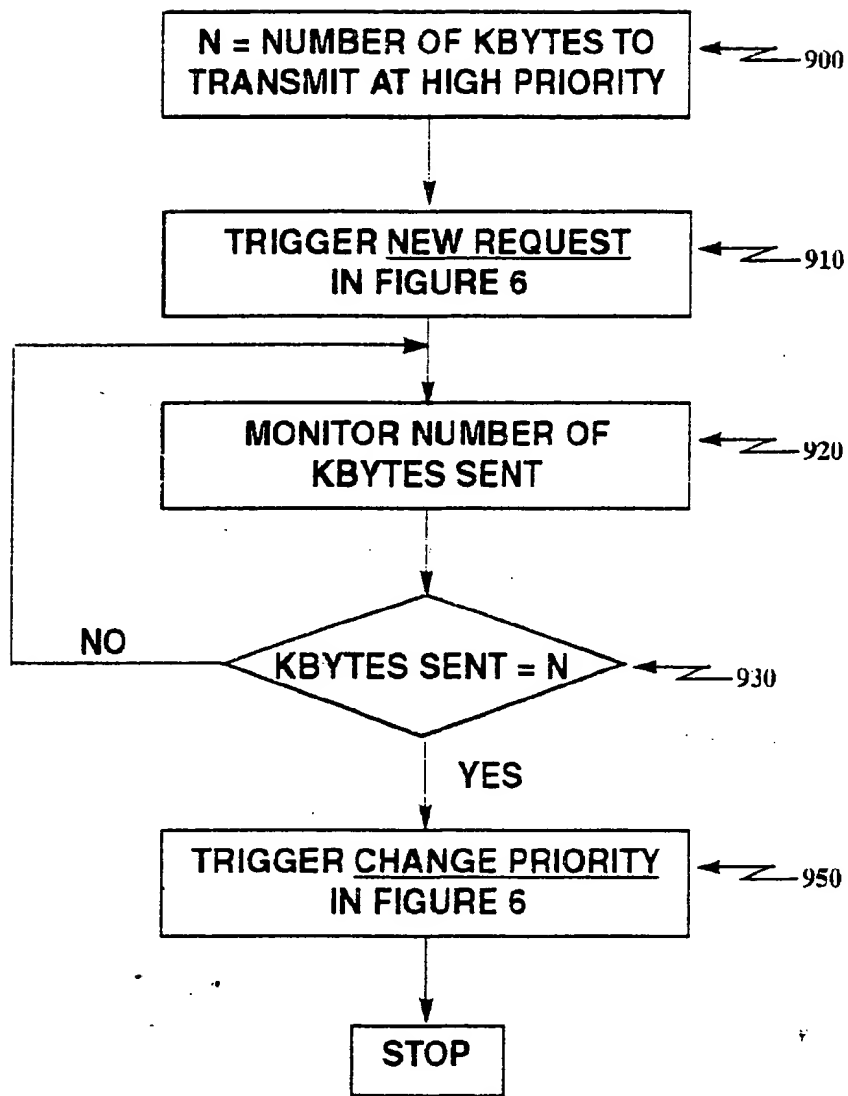


Figure 9

	HTML FILE NAME	KBYTES NEEDED TO RENDER PAGE 1
1006 →	doc1.html	10
1007 →	doc2.html	15
1008 →	doc3.html	13

Figure 10A

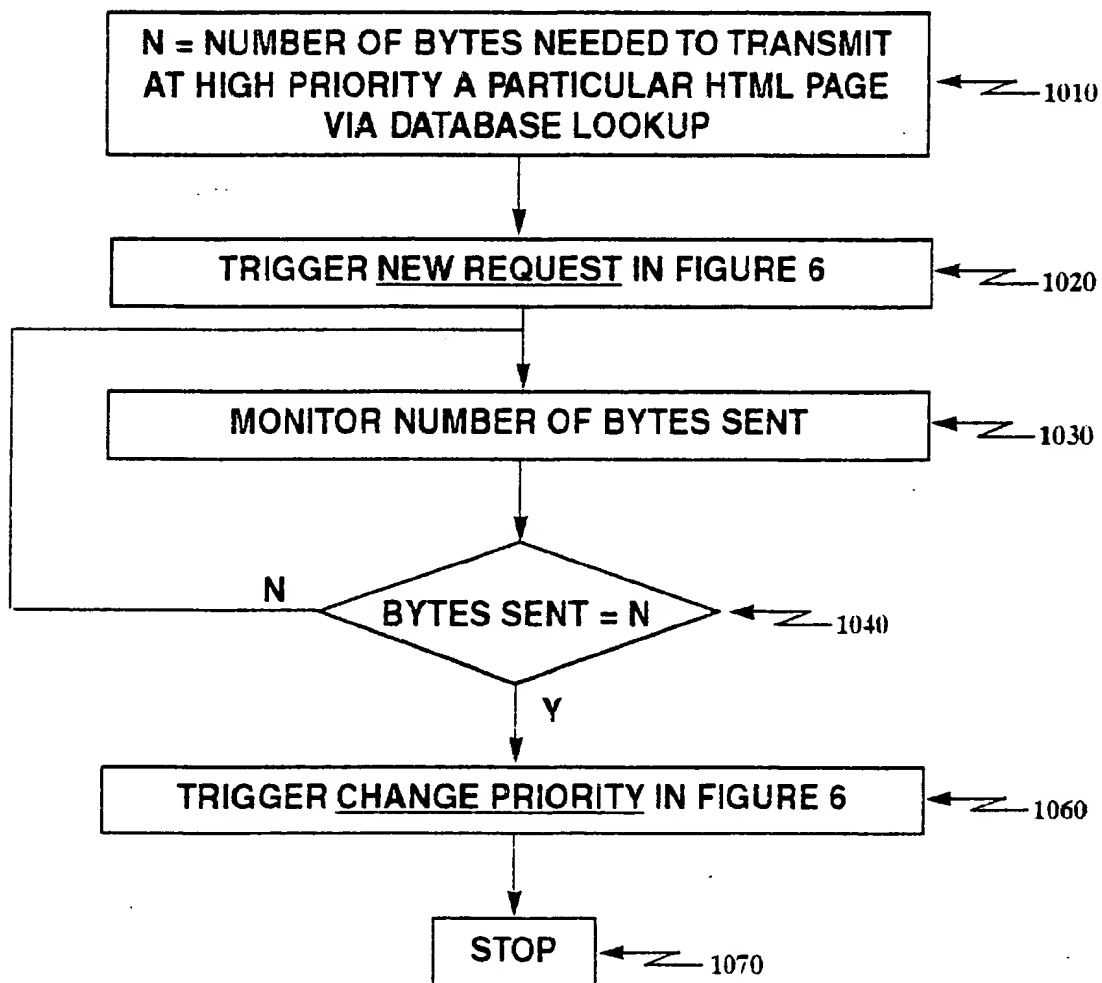


Figure 10B

	1100	CUSTOMER PASSWORD	1105	PRIORITY MULTIPLIER
1106	→	100/		2
1107	→	200/		3
1108	→	300/		2

Figure 11A

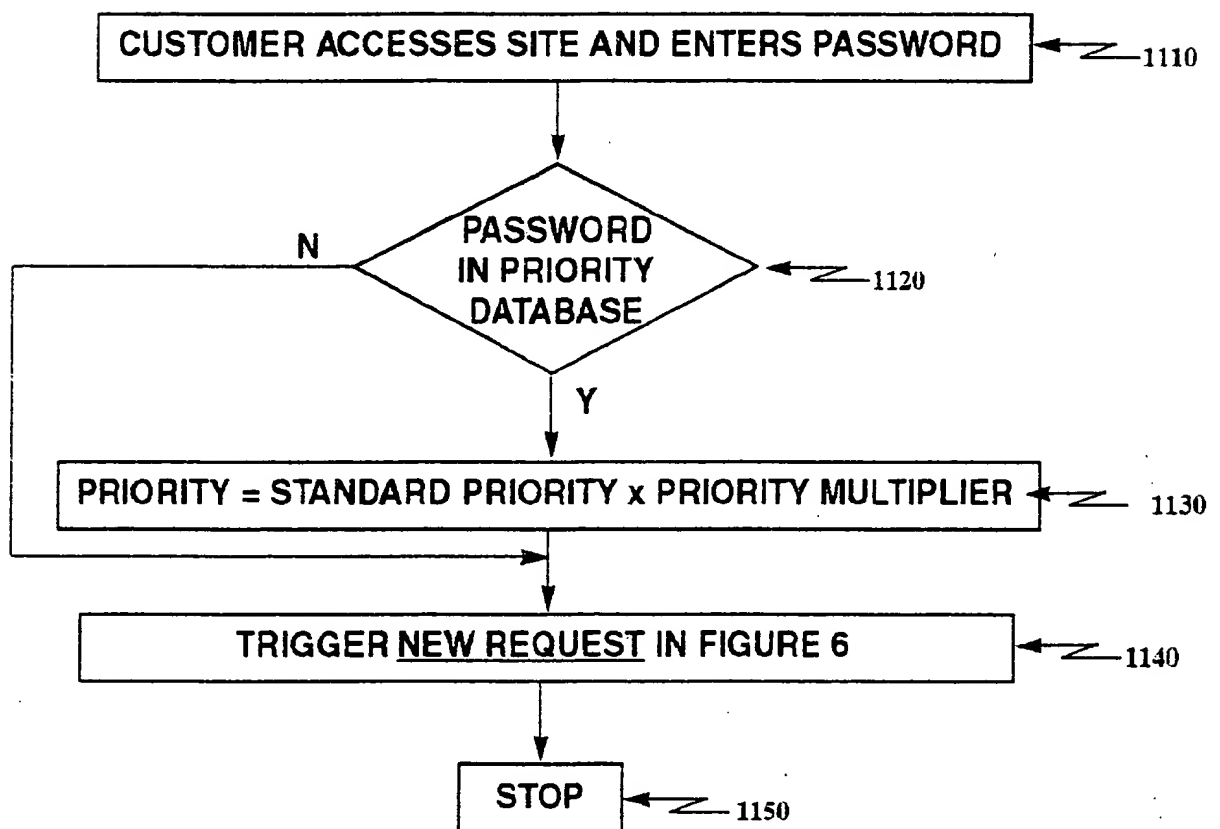


Figure 11B

	1200		1205
	↓		↓
	HTML PAGE NAME		PRIORITY MULTIPLIER
1206 →	doc1. html		2
1207 →	doc2.html		3
1208 →	doc3.html		2

Figure 12A

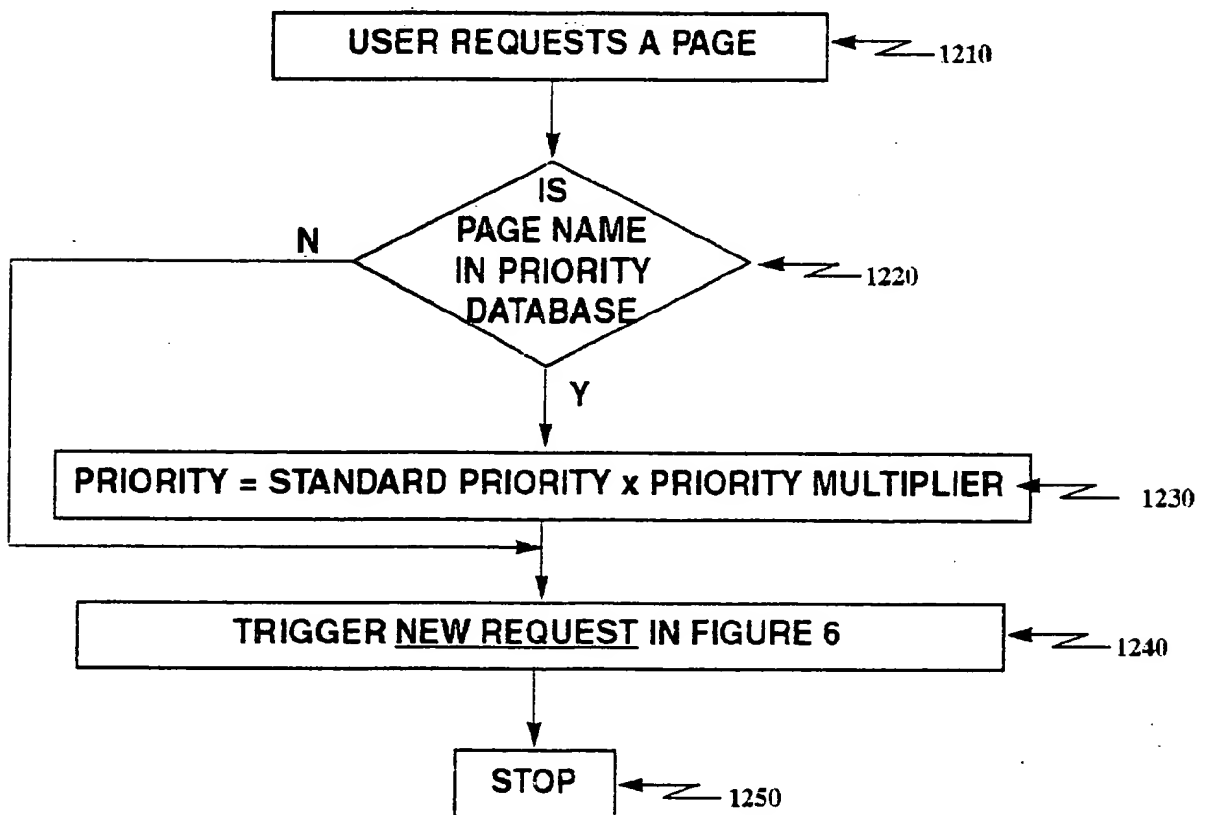


Figure 12B